

A B S T R A C T

A METHOD OF ESTIMATING THE SIGNAL-TO-NOISE RATIO IN A
TELECOMMUNICATIONS RECEIVER AND AN APPLICATION OF THE
5 METHOD TO CONTROLLING A TRANSMITTER

The invention concerns a method of estimating the
signal-to-noise ratio of a wanted signal, in particular a
digital signal, received by a radiocommunications
10 receiver. The method is characterized in that the signal
and the noise are estimated separately and the signal (E_b)
and the noise (N_0) are filtered (36, 44) separately before
division (40) of the signal by the noise. The filtering
of the noise is statistical filtering, for example, and
15 the filtering of the signal is low-pass filtering.

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Translation of the title and the abstract as they were when originally filed by the
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